Major in Athletic Training (HAL)
School of Health Technology and Management

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Athletic Training

The athletic training program is designed for students interested in an allied health profession specializing in the health care of physically active individuals. Working under a physician's supervision, certified athletic trainers are members of the sports medicine field who specialize in the prevention, evaluation, management, treatment, and rehabilitation of athletic injuries. Certified athletic trainers work with a variety of physically active individuals and may be employed by secondary schools, colleges and universities, professional athletic teams, hospitals, private clinics, and industrial settings.

The student's professional preparation is directed toward the development of specified competencies in the following domains: risk management and injury prevention; pathology of injuries and illnesses; clinical evaluation and diagnosis; acute care of injury and illness; pharmacology; therapeutic modalities; therapeutic exercise; general medical conditions and disabilities; nutritional aspects of injury and illness; psychosocial intervention and referral; health care administration; and professional development and responsibilities. In addition, all students are required to fulfill their clinical education requirements under the direct supervision of an approved clinical instructor. Major emphasis is placed on the development of psychomotor skills in addition to cognitive knowledge.

Pre-Application Requirements

1. 3 credits of English composition: WRT 102
2. 6 credits in the arts and/or humanities, excluding studio, skills, and techniques courses
3. 6 credits of psychology: PSY 103, PSY 201
4. 8 credits of chemistry with labs
5. 8 credits of biology with labs (to include 4 credits in human physiology) Note: Students completing the courses at Stony Brook should take BIO 202, BIO 203, BIO 204, BIO 205.
6. 8 credits of physics with labs
7. 3 credits of math: MAT 125
8. CPR at the professional level
9. 50 observational hours with a certified athletic trainer
10. 2.50 cumulative g.p.a

The program also requires candidates to successfully complete each of the following courses with a grade of B or higher:

HAL 205 Introduction to Athletic Training
HAL 210 Emergency Care of Athletic Injuries
HAL 300 Kinesiology
ANP 300 Human Anatomy
HAL

Athletic Training

HAL 205: Introduction to Athletic Training
Introduction to the health care profession of athletic training. The course explores the history and development of the profession and the concept of the sports medicine team, as well as medical terminology. Students will be required to complete a 50 hour clinical observation. Open to west campus students.

2 credits

HAL 210: Emergency Care of Athletic Injuries
Recognition and management of medical emergencies with emphasis on those conditions that are most commonly suffered by athletes. Successful completion of the course leads to Professional level Cardio-Pulmonary Resuscitation (CPR), Automated External Defibrillator (AED) and First Aid certification by the American Academy of Orthopedic Surgeons Emergency Care and Safety Institute. HAL 205 is recommended prerequisite. Open to west campus students.

3 credits

HAL 300: Kinesiology
The mechanical aspects of human motion and the structure and function of these motions in physically active individuals with or without pathological involvement. The student learns basic qualitative and quantitative clinical techniques used in identifying pathological movement. Open to west campus students. Prerequisite/Corequisite: ANP 300

Corequisite: ANP 300

4 credits